AXIS 9010

Bluetooth™ Access Point

Mobile Access by Axis

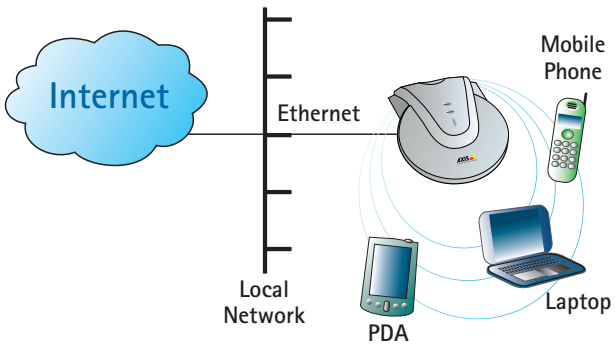
The AXIS 9010 provides a communications link to local networks and the Internet for mobile devices equipped with *Bluetooth* wireless technology.

Instant, Easy Connectivity

The AXIS 9010 allows mobile users to connect without delay when they are located in a defined *Bluetooth* Network area.

Supports a Wide Range of Devices

The *Bluetooth* Access Points supports devices equipped with *Bluetooth* wireless technology, including PDAs, mobile phones, laptop computers, Web-pads and emerging application specific devices.



Low-Cost, High-Speed Network Access

Bluetooth operates at unlicensed radio frequencies enabling wireless communications without the cost of going through a mobile carrier.

A Secure System, Easy to Install and Manage

The AXIS 9010 incorporates built-in intelligence for providing security, quick installation and configuration management.

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Technical Specification - AXIS 9010 *Bluetooth* Access Point

General Overview

- Point to multipoint, high-power *Bluetooth* wireless connectivity
- Ethernet/Fast Ethernet interface for access to the LAN and the Internet
- Support for Dynamic Host Configuration Protocol (DHCP) for server and client IP address management
- Built-in Web server for remote configuration and management
- Device management using Simple Network Management Protocol (SNMP) version 1 and 3
- Authentication, authorization and accounting options using the RADIUS protocol
- Support for WAP over *Bluetooth*
- Embedded Linux operating system for maximum reliability
- High performance 100 MIPS RISC processor

Bluetooth Specification

- Class 1 radio configuration
- Adjustable output power
- Internal antenna
- RF specifications
  - Frequency range: 2.402 to 2.480 GHz
  - Double sided IF bandwidth: 1 MHz
- Profile
  - LAN Access Profile
  - PAN Profile
- Clients
  - All clients with support for *Bluetooth* LAN Access Profile v 1.1 e.g. mobile phones, Pocket PCs, PDAs and laptops
  - All clients with support for *Bluetooth* PAN profile v 1.0 e.g. mobile phones, Pocket PCs, PDAs and laptops
- Protocol stack
  - Baseband Link Manager, Link Controller and Host Controller Interface
  - Axis developed stack for SDP, L2CAP, RFCOMM

Supported Protocols

- TCP/IP, HTTP, FTP, ARP, DHCP, PPP, PAP, RADIUS, SNMP, NTP, PPPoE

IP Address Assignment

- Server IP address assignment
  - DHCP or proprietary arp-ping method
- Client IP address assignment
  - DHCP, RADIUS, manually specified range or masquerading

Built-in Web Server

- Configuration Wizard
- System information on *Bluetooth* clients
- Status report and support information
- Online context-sensitive help

RADIUS

- Robust authentication, authorization and accounting options to local or remote servers
- Conforms to RFC 2865 and 2866
- TCP/IP address assignment

SNMP Management

- SNMP version 1 and 3
- Encrypted data transfers with SNMP v3
- Support for MIB-II and Axis private MIB
- Monitor devices with industry standard management tools

Software Updates

- Flash memory for easy software updates
- Remote upgrades over the network using FTP

Network

- RJ45 connector (Category 5 twisted pair cable)
- 10baseT Ethernet or 100baseTX Fast Ethernet, auto-sensing

Hardware

- Axis ETRAX 100LX, 32 bit RISC, 100 MIPS CPU
- 16 Mbyte DRAM, 4 Mbyte Flash

Power Supply

- External power supply: maximum 400 mA at 12 VDC
- Power consumption: 2.5 W

Dimensions / Weight

- Height: 50 mm
- Width: 143 mm
- Length: 178 mm
- Weight: 300 grams
- Operating temperature range: +5 to +40°C, 20-80% RHG non condensing humidity
- Indoor use only

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For more information visit our website: **www.axis.com**

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